

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
 NEWS 3 Jun 03 New e-mail delivery for search results now available
 NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
 NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
 now available on STN
 NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
 NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
 NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
 NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
 NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
 NEWS 11 Oct 24 BEILSTEIN adds new search fields
 NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
 NEWS 13 Nov 18 DKILLIT has been renamed APOLLIT
 NEWS 14 Nov 25 More calculated properties added to REGISTRY
 NEWS 15 Dec 04 CSA files on STN
 NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
 NEWS 17 Dec 17 TOXCENTER enhanced with additional content
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
 NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC
 NEWS 20 Feb 13 CANCERLIT is no longer being updated
 NEWS 21 Feb 24 METADEX enhancements
 NEWS 22 Feb 24 PCTGEN now available on STN
 NEWS 23 Feb 24 TEMA now available on STN
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 25 Feb 26 PCTFULL now contains images
 NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
 NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
 NEWS 28 Mar 20 EVENTLINE will be removed from STN
 NEWS 29 Mar 24 PATDPAFULL now available on STN
 NEWS 30 Mar 24 Additional information for trade-named substances without
 structures available in REGISTRY
 NEWS 31 Apr 11 Display formats in DGENE enhanced
 NEWS 32 Apr 14 MEDLINE Reload
 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
 NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
 NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
 WPIDS/WPINDEX/WPIX
 NEWS 36 Apr 28 RDISCLOSURE now available on STN

 NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS STN Operating Hours Plus Help Desk Availability
 NEWS INTER General Internet Information
 NEWS LOGIN Welcome Banner and News Items
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:49:44 ON 30 APR 2003

=> fil reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:49:51 ON 30 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1
DICTIONARY FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

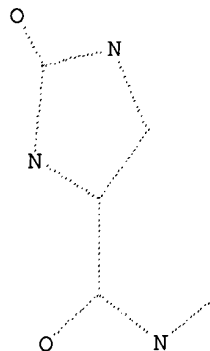
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 10015328.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:50:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 42 TO ITERATE

100.0% PROCESSED 42 ITERATIONS 22 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 452 TO 1228
PROJECTED ANSWERS: 159 TO 721

L2 22 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 10:50:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 711 TO ITERATE

100.0% PROCESSED 711 ITERATIONS 402 ANSWERS
SEARCH TIME: 00.00.01

L3 402 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	148.15	148.36

FILE 'CAPLUS' ENTERED AT 10:50:13 ON 30 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing

of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18
FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 98 L3

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

148.78

FILE 'REGISTRY' ENTERED AT 10:50:43 ON 30 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1
DICTIONARY FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

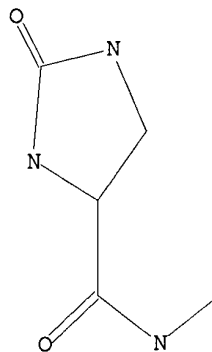
Uploading 10015328.str

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15 subset=l3 full

FULL SUBSET SEARCH INITIATED 10:51:01 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 402 TO ITERATE

100.0% PROCESSED 402 ITERATIONS

340 ANSWERS

SEARCH TIME: 00.00.01

L6 340 SEA SUB=L3 SSS FUL L5

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

35.30

184.08

FILE 'CAPLUS' ENTERED AT 10:51:05 ON 30 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18

FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 16

L7 78 L6

=> s 17 and hepatitis

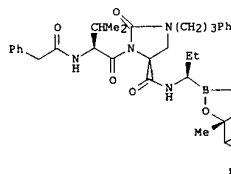
37918 HEPATITIS
L8 3 L7 AND HEPATITIS

=> d ibib abs hitstr 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:466017 CAPLUS
 DOCUMENT NUMBER: 137:47198
 TITLE: Imidazolidinones and their related derivatives as
 Hepatitis C virus NS3 protease inhibitors
 INVENTOR(S): Han, Qi
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA
 SOURCE: PCT Int. Appl., 173 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048157	A2	20020620	WO 2001-US47916	20011212
WO 2002048157	A3	20030327		

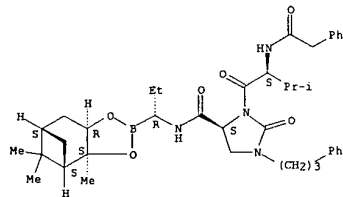
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, ME, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2002030764 A5 20020624 AU 2002-30764 20011212
 PRIORITY APPLN. INFO.: US 2000-255168P P 20001213
 WO 2001-US47916 W 20011212
 OTHER SOURCE(S): MARPAT 137:47198
 GI



AB Title compds. were prepd. for use as serine protease inhibitors, esp. Hepatitis C virus NS3 protease inhibitors (no data). Thus, the imidazolidinone I was obtained from (S)-(-)-N-benzoyloxycarbonyl-2-oxo-5-imidazolidinonecarboxylic acid and the dioxaborolane fragment in 8 steps.
 IT 437755-72-1P 437755-73-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

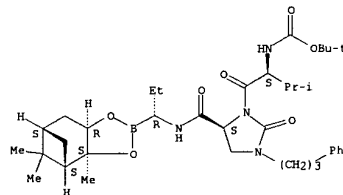
L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)
 1-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylacetyl)amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 437755-44-7 CAPLUS
 CN Carbanic acid, [(1S)-1-[(4S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



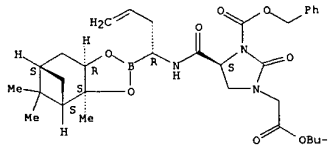
RN 437755-45-8 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylamino)carbonyl]amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)
 (prepn. of N-(benzodioxaborolylpropyl)imidazolidinecarboxamides as hepatitis C virus NS3 protease inhibitors)

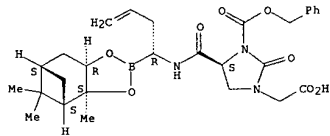
RN 437755-72-1 CAPLUS
 CN 1-Imidazolidineacetic acid, 4-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, 1,1-dimethylethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 437755-73-2 CAPLUS
 CN 1-Imidazolidineacetic acid, 4-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

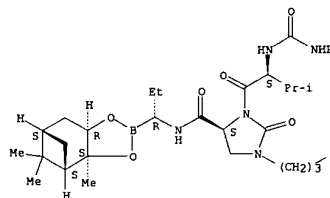


IT 437755-43-6P 437755-44-7P 437755-45-8P
 437755-46-9P 437755-47-0P 437755-48-1P
 437755-49-2P 437755-50-5P 437755-51-6P
 437755-52-7P 437755-53-8P 437755-54-9P
 437755-55-0P 437755-56-1P 437755-57-2P
 437755-58-3P 437755-59-4P 437755-60-7P
 437755-61-8P 437755-62-9P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of N-(benzodioxaborolylpropyl)imidazolidinecarboxamides as hepatitis C virus NS3 protease inhibitors)

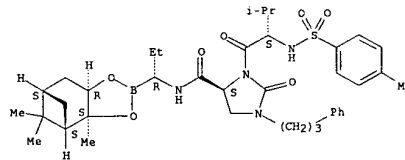
RN 437755-43-6 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylacetyl)amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-46-9 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(4-methylphenyl)sulfonyl]amino]-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

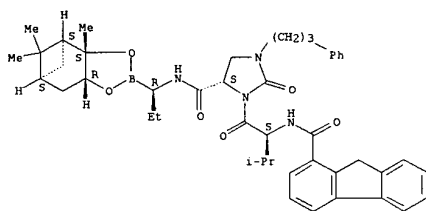
Absolute stereochemistry.



RN 437755-47-0 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(9H-fluoren-1-ylcarbonyl)amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

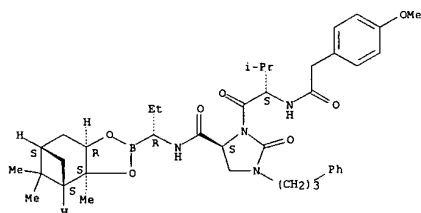
Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-48-1 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-2-[(4-methoxyphenyl)acetyl]amino]-3-methyl-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-(4S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



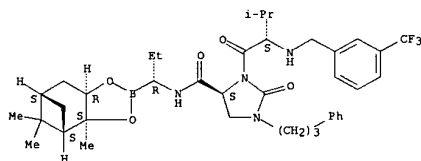
RN 437755-49-2 CAPLUS
 CN Carbamic acid, [(1S)-1-[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

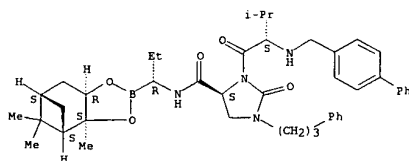
phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 437755-52-7 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[[[(1,1'-biphenyl)-4-ylmethyl]amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

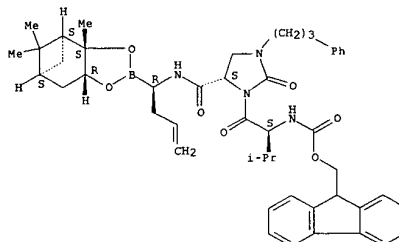
Absolute stereochemistry.



RN 437755-53-8 CAPLUS
 CN Carbamic acid, [(1S)-1-[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-[(2-phenyl-4-quinolinyl)methyl]-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

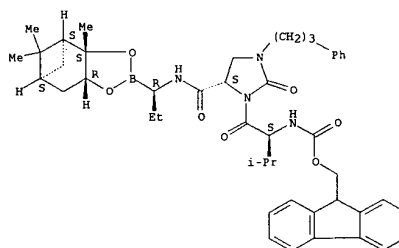
Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



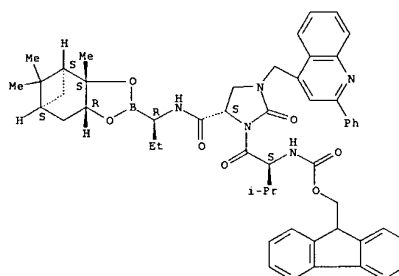
RN 437755-50-5 CAPLUS
 CN Carbamic acid, [(1S)-1-[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



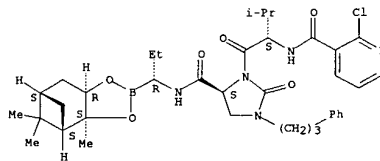
RN 437755-51-6 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[[[3-(trifluoromethyl)phenyl]methyl]amino]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-54-9 CAPLUS
 CN 3-Pyridinecarboxamide, 2-chloro-N-[(1S)-1-[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, (9CI) (CA INDEX NAME)

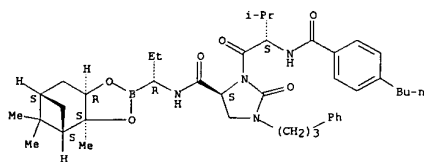
Absolute stereochemistry.



RN 437755-55-0 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(4-butylbenzoyl)amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

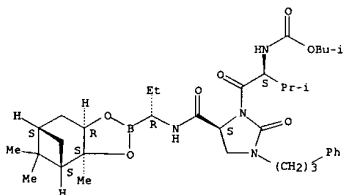
Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-56-1 CAPLUS
 CN Carbamic acid, [(1S)-1-[[[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 2-methylpropyl ester (9CI) (CA INDEX NAME)

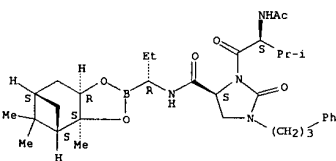
Absolute stereochemistry.



RN 437755-57-2 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[[[benzoylamino]carbonyl]amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

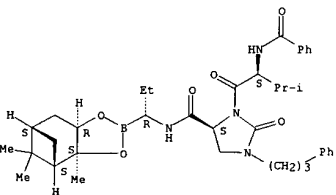
Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



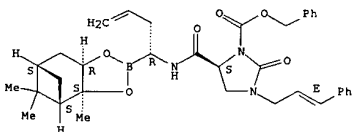
RN 437755-60-7 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-(benzoylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

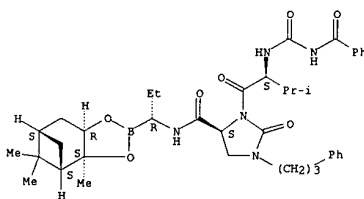


RN 437755-61-8 CAPLUS
 CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(2E)-3-phenyl-2-propenyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

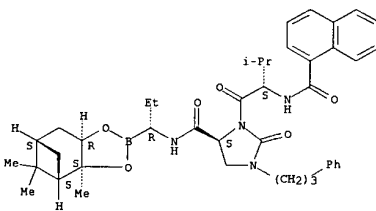


L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-58-3 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-2-[(1-naphthalenylcarbonyl)amino]-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



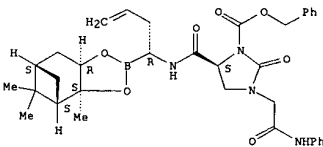
RN 437755-59-4 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-(acetylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 437755-62-9 CAPLUS
 CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[2-oxo-2-(phenylamino)ethyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:171885 CAPLUS

DOCUMENT NUMBER: 136:232547

TITLE: Preparation of peptidomimetic protease inhibitors
 INVENTOR(S): Babine, Robert Edward; Chen, Shu Hui; Lamar, Jason
 Eric; Snyder, Nancy June; Sun, Xicheng David; Tebbe,
 Mark Joseph; Victor, Frantz; Wang, Q. May; Yip, Yvonne
 Yee Mai; Collado, Ivan; Garcia-Paredes, Cristina;
 Parker, Raymond Samuel, III; Jin, Ling; Guo, Deqi;
 Glass, John Irvin

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

SOURCE: PCT Int. Appl., 424 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

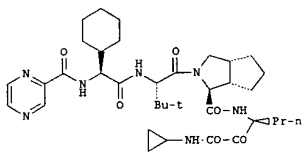
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002018369	A2	20020307	WO 2001-US26008	20010831
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, RG, KZ, MD, RU				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001088318	AS	20020313	AU 2001-88318	20010831
PRIORITY APPLN. INFO.: US 2000-229398P P 20000831				
US 2001-277641P P 20010321				
WO 2001-US26008 W 20010831				

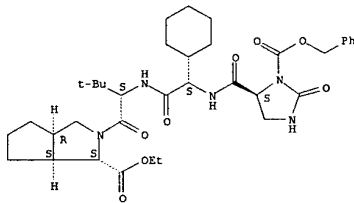
OTHER SOURCE(S): MARPAT 136:232547

GI



L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

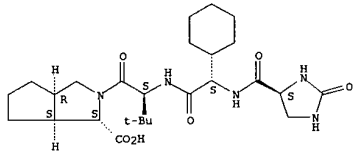
Absolute stereochemistry.



RN 402959-84-6 CAPLUS

CN Cyclopenta[c]pyrrole-1-carboxylic acid, (4S)-2-oxo-4-imidazolidinecarboxyl-
 (2S)-2-cyclohexylglycyl-3-methyl-L-valyl-L-[(1S)-1-[(cyclopropylamino)oxoacetyl]butyl]octahydro-, (1S,3aR,6aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 402959-85-7 CAPLUS

CN Cyclopenta[c]pyrrole-1-carboxamide, (4S)-2-oxo-4-imidazolidinecarboxyl-
 (2S)-2-cyclohexylglycyl-3-methyl-L-valyl-L-[(1S)-1-[(2-(cyclopropylamino)-1-hydroxy-2-oxoethyl]butyl]octahydro-, (1S,3aR,6aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

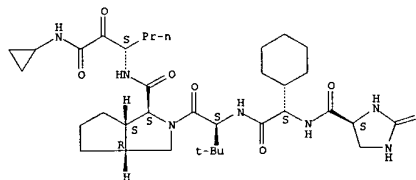
L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

AB Peptidomimetic compds. R9-L-(NR8-R7-CO)nNR6-R5-CO-NX-CONR4-R3-CO-R-CONR1R2
 [R is a bond or CF2; R1 is H, (un)substituted an aliph., cyclic, or arom. group; R2, R9 are (un)substituted aliph., cyclic, or arom. groups; R3, R5, R7 are (un)substituted 1,1- or 1,2-cycloalkylene or -heterocyclylene, methylene or ethylene; R4, R6, R8 and R10 are H or an optionally substituted aliph. group; NX is an (un)substituted cyclic azaheterocyclyl or azaheterocyclenyl having the unsatn. in the ring distal to ring bearing the -R5-C(O)-N moiety and to which the -CONR4- moiety is attached; L is CO, O2C, NR1OCO, SO2, or NR1OSO2; n is 0 or 1] or pharmaceutically acceptable salts or prodrugs were prepd. for use as protease inhibitors, particularly as hepatitis C NS3 protease inhibitors. Also provided are pharmaceutical combinations comprising, in addn. to one or more HCV serine protease inhibitors, one or more interferons exhibiting anti-HCV activity and/or one or more compds. having anti HCV activity and a pharmaceutically acceptable carrier. Thus, compd 1 was prepd. and assayed for HCV serine protease inhibitory activity in combination with interferons. When used as a single drug treatment, 1 exhibits an IC50 of 0.48 μM and interferon-α. 2B is 2.19 U.

IT 402959-83-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of peptidomimetic protease inhibitors)

RN 402957-53-3 CAPLUS
 CN Cyclopenta[c]pyrrole-1-carboxamide, (4S)-2-oxo-4-imidazolidinecarboxyl-
 (2S)-2-cyclohexylglycyl-3-methyl-L-valyl-L-[(1S)-1-[(cyclopropylamino)oxoacetyl]butyl]octahydro-, (1S,3aR,6aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



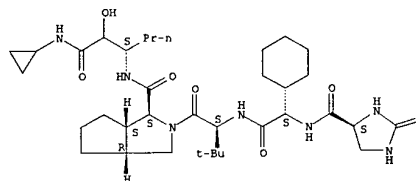
IT 402959-83-5P 402959-84-6P 402959-85-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of peptidomimetic protease inhibitors)

RN 402959-83-5 CAPLUS

CN Cyclopenta[c]pyrrole-1-carboxylic acid, (4S)-2-oxo-3-
 [(phenylmethoxy)carbonyl]-4-imidazolidinecarboxyl-
 (2S)-2-cyclohexylglycyl-3-methyl-L-valyl-L-[(1S)-1-[(cyclopropylamino)oxoacetyl]butyl]octahydro-, ethyl ester, (1S,3aR,6aS)- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

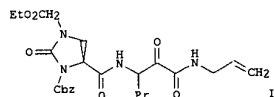
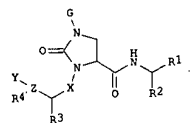


L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:90018 CAPLUS
 DOCUMENT NUMBER: 136:135031
 TITLE: Preparation of novel imidazolidinones as NS3-serine protease inhibitors of hepatitis C virus
 INVENTOR(S): Acasappan, Ashok; Parekh, Tejal; Njoroge, F. George; Girijavallabhan, Vinyoor Moopil; Ganguly, Ashit K.
 PATENT ASSIGNEE(S): Schering Corporation, USA
 SOURCE: PCT Int. Appl., 88 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002008198	A2	20020131	WO 2001-US22828	20010719
WO 2002008198	A3	20020718		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GR, HU, ID, IL, IN, IS, JP, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, NZ, NL, NO, NZ, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2002102235 A1 20020801 US 2001-999077 20010719
 EP 1301486 A2 20030416 EP 2001-961676 20010719
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRIORITY APPLN. INFO.: US 2000-220110P P 20000721
 WO 2001-US22828 W 20010719
 OTHER SOURCE(S): MARPAT 136:135031
 GI

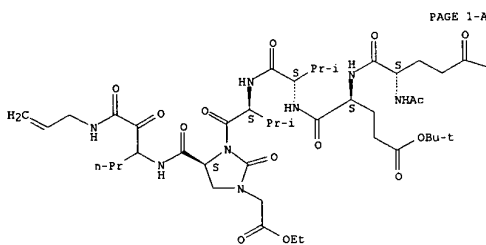
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



AB Novel imidazolidinones I [R1 = COR5 (R5 = H, OH, alkoxy, amino, CF3, etc.) or B(OR)3 (R = H, alkyl, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, alkoxy, aryl, alkoxy, alkylthio, arylthio, amino, amido, ester, carboxylic acid, etc.); Z = O, N or CH; X = CO, CS or alkylene; G = H, (un)substituted alkyl, aryl, heteroalkyl, heteroaryl, alkylaryl or alkylheteroaryl; R2, R3 = any group defined for R; R4 = null, H, alkyl, aryl; Y = H, (un)substituted alkyl, aryl, heteroalkyl, heteroaryl, cycloalkyl, arylalkyl, heteroarylalkyl, etc.], including enantiomers, stereoisomers, rotamers and tautomers, having HCV protease inhibitory activity are disclosed. Thus, compd. II (Cbz = benzylloxycarbonyl) was prep'd. via peptide coupling reaction of H2NCH(Pr)CH(OH)CONHCH2CH2CH2.HCl (prepn. given), followed by Dess-Martin oxidn. of the hydroxy group. II showed Ki > 50,001 nM for inhibition of HCV protease.
 IT 393546-77-5P 393547-07-4P 393547-29-0P
 393547-31-4P 393547-33-6P 393547-35-8P
 393547-37-0P 393547-39-2P 393547-41-6P
 393547-52-9P 393547-54-1P
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACI (Reactant or reagent); USES (Uses)
 (prepn. of novel imidazolidinones as NS3-serine protease inhibitors of hepatitis C virus)
 RN 393546-77-5 CAPLUS
 CN L-Valinamide, N-acetyl-L-α-glutamyl-L-α-glutamyl-N-[(1S)-1-[(1S)-3-(2-ethoxy-2-oxoethyl)-2-oxo-5-[[[1-(2-oxo-2-propenylamino)acetyl]butyl]amino]carbonyl]-1-imidazolidinyl]carbonyl]-2-methylpropyl-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

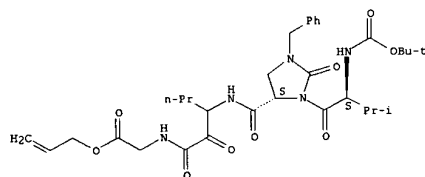


PAGE 1-B

OBU-t

RN 393547-07-4 CAPLUS
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-(4S)-2-oxo-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinonecarbonyl-3-amino-2-oxohexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

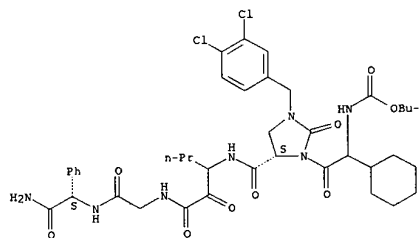
Absolute stereochemistry.



RN 393547-29-0 CAPLUS
 CN Glycinamide, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinonecarbonyl-3-amino-2-oxohexanoyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

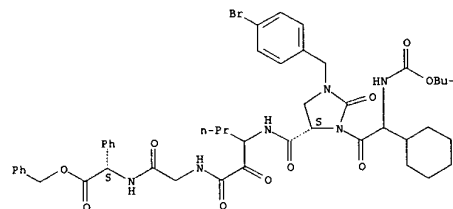
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-31-4 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-imidazolidinonecarbonyl-3-amino-2-oxohexanoyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

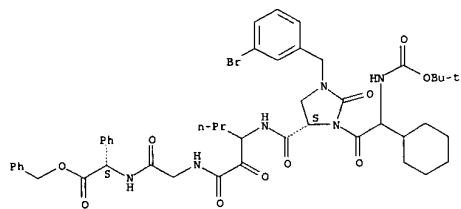
Absolute stereochemistry.



RN 393547-33-6 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-imidazolidinonecarbonyl-3-amino-2-oxohexanoyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

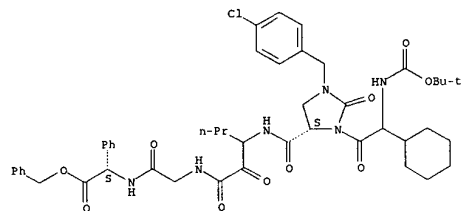
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-35-8 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

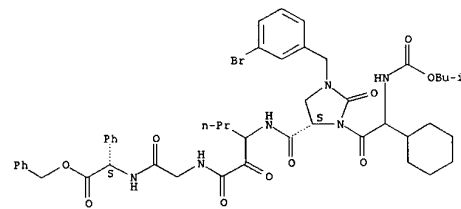
Absolute stereochemistry.



RN 393547-37-0 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

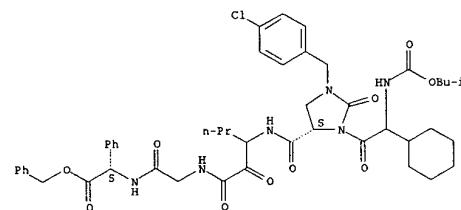
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-52-9 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

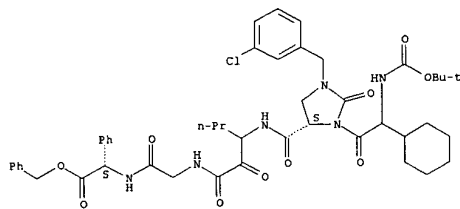
Absolute stereochemistry.



RN 393547-54-1 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

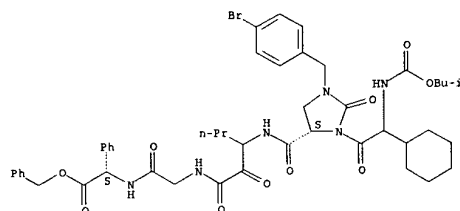
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-39-2 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

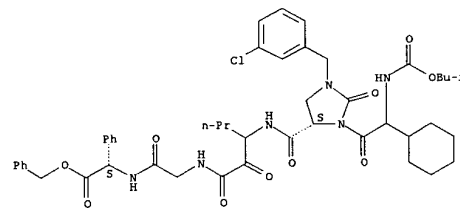
Absolute stereochemistry.



RN 393547-41-6 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, phenylmethyl ester, (2S)- (9CI) (CA INDEX NAME)

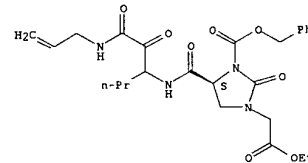
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



IT 393546-71-9P 393546-73-1P 393546-75-3P
 393546-79-7P 393546-81-1P 393546-83-3P
 393546-85-5P 393546-87-7P 393546-89-9P
 393546-91-3P 393546-93-5P 393546-95-7P
 393546-97-9P 393546-99-1P 393547-01-8P
 393547-03-0P 393547-05-2P 393547-09-6P
 393547-11-0P 393547-13-2P 393547-15-4P
 393547-17-6P 393547-19-8P 393547-21-2P
 393547-23-4P 393547-25-6P 393547-27-8P
 393547-38-1P 393547-56-3P 393547-59-6P
 393547-61-0P 393547-64-3P 393547-66-5P
 393547-68-7P 393547-71-2P 393547-73-4P
 393547-75-6P 393547-77-8P 393547-79-0P
 393547-81-4P 393547-84-7P 393547-87-0P
 393547-89-2P 393547-91-6P 393547-93-8P
 393547-95-0P
 RL: PAC (Pharmacological activity); SPM (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of novel imidazolidinones as NS3-serine protease inhibitors of hepatitis C virus)
 RN 393546-71-9 CAPLUS
 CN 1-imidazolidineacetic acid, 2-oxo-4-[[[1-[(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-[(phenylmethoxy)carbonyl]-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

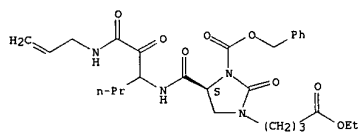
Absolute stereochemistry.



L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

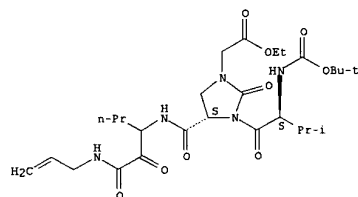
RN 393546-73-1 CAPLUS
 CN 1-Imidazolidinebutanoic acid, 2-oxo-4-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-3-[(phenylmethoxy)carbonyl]-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393546-75-3 CAPLUS
 CN 1-Imidazolidineacetic acid, 3-[(2S)-2-[[[1-(1,1-dimethylethoxy)carbonyl]amino]-3-methyl-1-oxobutyl]-2-oxo-4-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

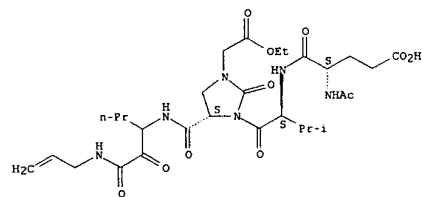


RN 393546-79-7 CAPLUS
 CN L-Valinamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-N-[(1S)-1-[[[(5S)-3-(2-ethoxy-2-oxoethyl)-2-oxo-5-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-1-imidazolidinyl]carbonyl]-2-methylpropyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

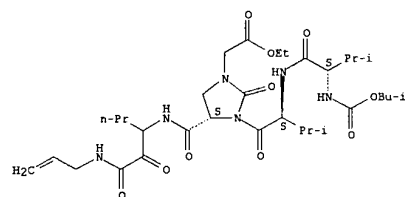
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.



RN 393546-85-5 CAPLUS
 CN 1-Imidazolidineacetic acid, 3-[N-[(2-methylpropoxy)carbonyl]-L-valyl-L-valyl]-2-oxo-4-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

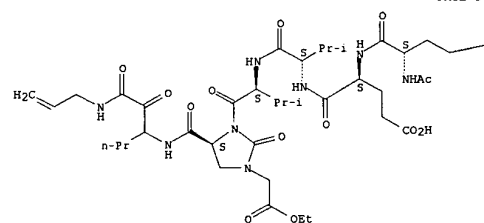


RN 393546-87-7 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-valyl-2-oxo-N-[(1R)-1-[oxo(2-propenylamino)acetyl]butyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

PAGE 1-A

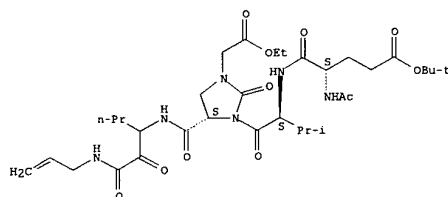


PAGE 1-B

-CO2H

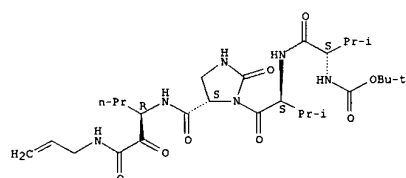
RN 393546-81-1 CAPLUS
 CN 1-Imidazolidineacetic acid, 3-(N-acetyl-L-.alpha.-glutamyl-L-valyl)-2-oxo-4-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-, 1'-(1,1-dimethylethyl).alpha.-ethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



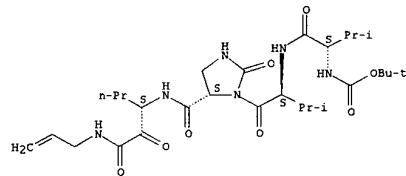
RN 393546-83-3 CAPLUS
 CN 1-Imidazolidineacetic acid, 3-(N-acetyl-L-.alpha.-glutamyl-L-valyl)-2-oxo-4-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-, .alpha.-ethyl ester, (4S)- (9CI) (CA INDEX NAME)

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393546-89-9 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-valyl-2-oxo-N-[(1S)-1-[oxo(2-propenylamino)acetyl]butyl]-, (4S)- (9CI) (CA INDEX NAME)

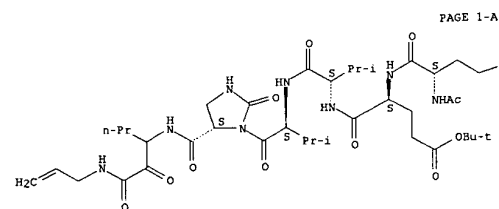
Absolute stereochemistry.



RN 393546-91-3 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-2-oxo-N-[(1R)-1-[oxo(2-propenylamino)acetyl]butyl]-, bis(1,1-dimethylethyl) ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

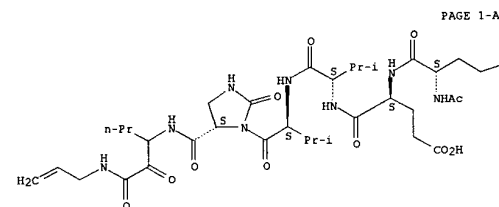


PAGE 1-B



RN 393546-93-5 CAPLUS
 CN 4-Imidazolidinonecarboxamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-, (4S)- (9CI) (CA INDEX NAME)

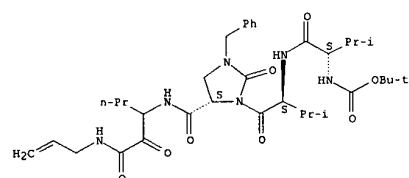
Absolute stereochemistry.



PAGE 1-B

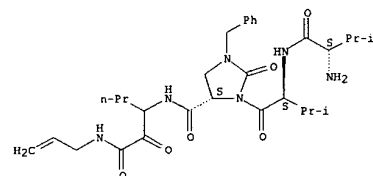


L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-01-8 CAPLUS
 CN 4-Imidazolidinonecarboxamide, L-valyl-L-valyl-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-1-(phenylmethyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



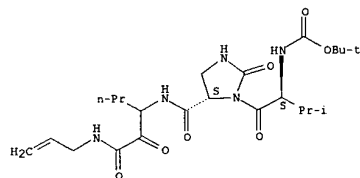
RN 393547-03-0 CAPLUS
 CN 4-Imidazolidinonecarboxamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-1-(phenylmethyl)-, bis(1,1-dimethylethyl) ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

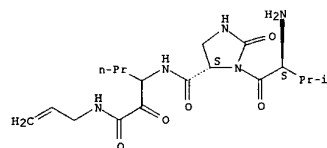
RN 393546-95-7 CAPLUS
 CN Carbamic acid, [(1S)-2-methyl-1-[[[(5S)-2-oxo-5-[[[1-[oxo(2-propenylamino)acetyl]butyl]amino]carbonyl]-1-imidazolidinyl]carbonyl]propyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393546-97-9 CAPLUS
 CN 4-Imidazolidinonecarboxamide, 3-[(2S)-2-amino-3-methyl-1-oxobutyl]-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-, (4S)- (9CI) (CA INDEX NAME)

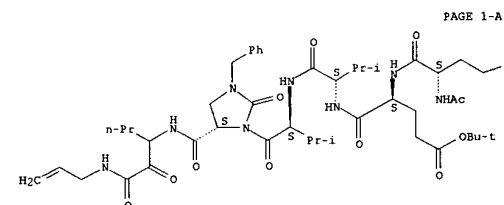
Absolute stereochemistry.



RN 393546-99-1 CAPLUS
 CN 4-Imidazolidinonecarboxamide, N-[(1,1-dimethylethoxy)carbonyl]-1-valyl-L-valyl-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-1-(phenylmethyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

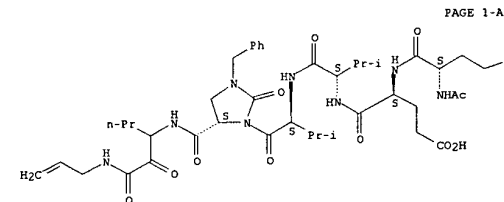


PAGE 1-B



RN 393547-05-2 CAPLUS
 CN 4-Imidazolidinonecarboxamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-2-oxo-N-[1-[oxo(2-propenylamino)acetyl]butyl]-1-(phenylmethyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



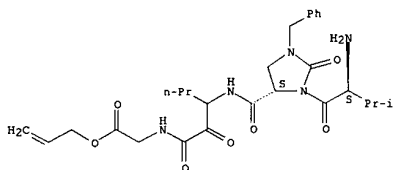
PAGE 1-B



RN 393547-09-6 CAPLUS
 CN Glycine, L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinonecarbonyl-3-amino-2-oxohexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

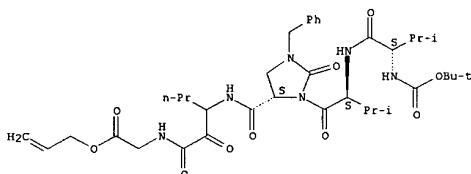
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.



RN 393547-11-0 CAPLUS
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

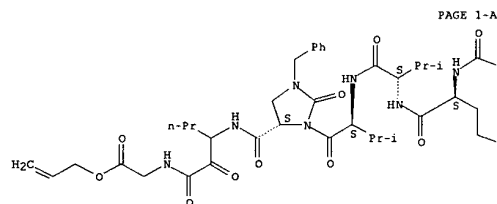
Absolute stereochemistry.



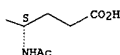
RN 393547-13-2 CAPLUS
 CN Glycine, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



PAGE 1-A

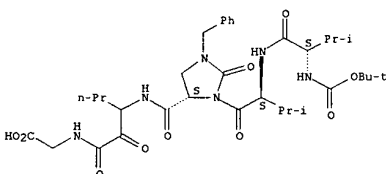


PAGE 1-B



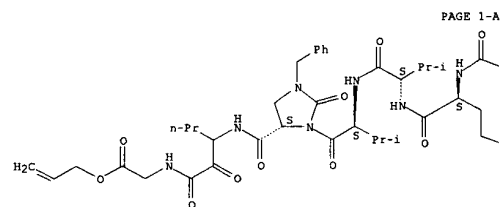
RN 393547-17-6 CAPLUS
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

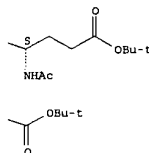


RN 393547-19-8 CAPLUS
 CN Glycine, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



PAGE 1-A



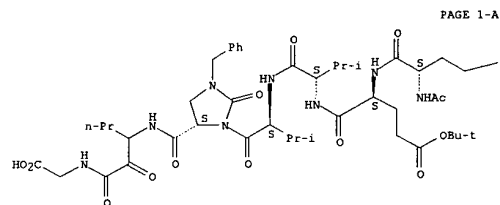
PAGE 1-B

RN 393547-15-4 CAPLUS
 CN Glycine, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.



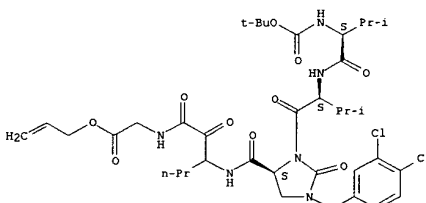
PAGE 1-A



PAGE 1-B

RN 393547-21-2 CAPLUS
 CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-L-valyl-L-valyl-(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

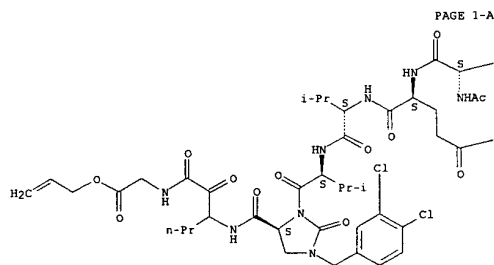
Absolute stereochemistry.



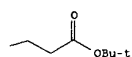
RN 393547-23-4 CAPLUS
 CN Glycine, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 1,2-bis(1,1-dimethylethyl) 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



PAGE 1-B

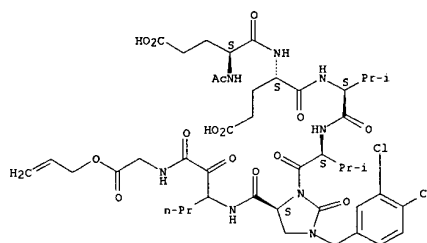


- OBU-t

RN 393547-25-6 CAPLUS
 CN Glycine, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-L-valyl-L-valyl-
 (4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, 7-(2-propenyl) ester (9CI) (CA INDEX NAME)

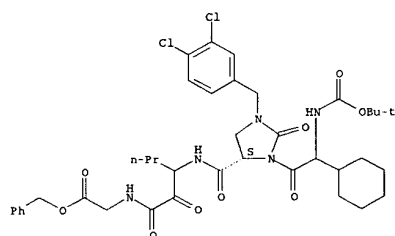
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-27-8 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoyl-, phenylmethyl ester (9CI) (CA INDEX NAME)

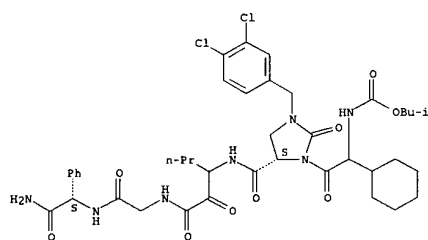
Absolute stereochemistry.



RN 393547-38-1 CAPLUS
 CN Glycinamide, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3,4-dichlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

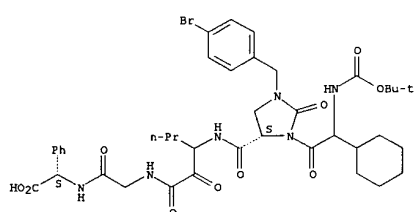
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-56-3 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

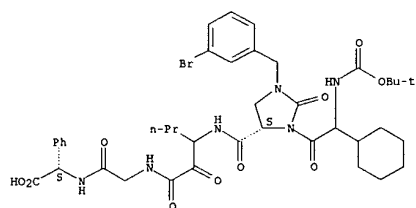
Absolute stereochemistry.



RN 393547-59-6 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

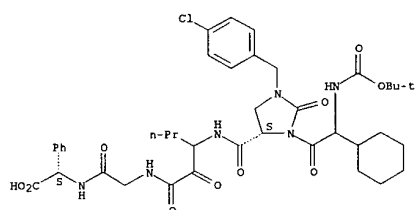
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-61-0 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

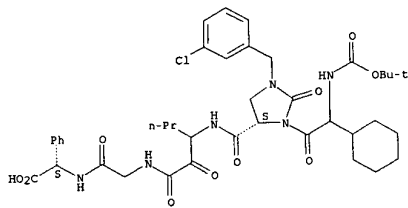
Absolute stereochemistry.



RN 393547-64-3 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarbonyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

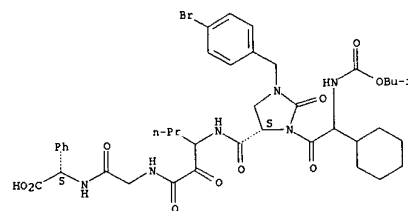
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-66-5 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(4-bromophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

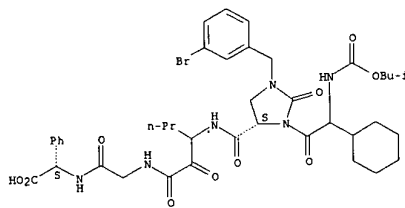
Absolute stereochemistry.



RN 393547-71-2 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3-bromophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

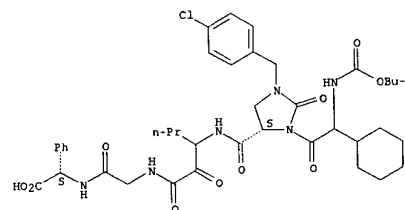
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-71-2 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(4-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

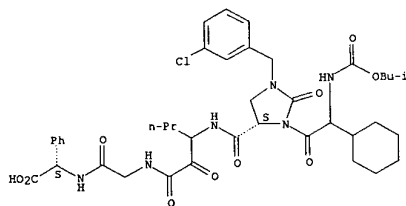
Absolute stereochemistry.



RN 393547-73-4 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3-chlorophenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

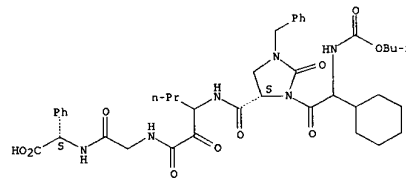
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-75-6 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

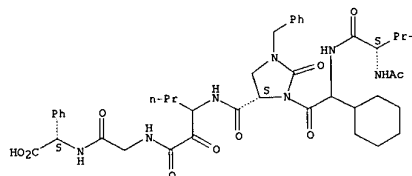
Absolute stereochemistry.



RN 393547-77-8 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

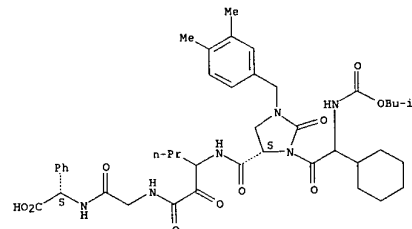
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-79-0 CAPLUS
 CN Glycine, 2-cyclohexyl-N-[(2-methylpropoxy)carbonyl]glycyl-(4S)-1-[(3,4-dimethylphenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

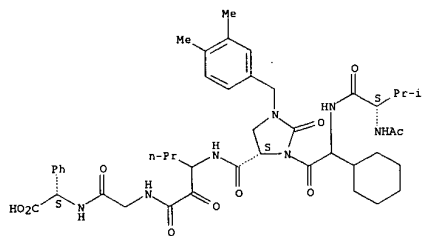
Absolute stereochemistry.



RN 393547-81-4 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(3,4-dimethylphenyl)methyl]-2-oxo-4-imidazolidinecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

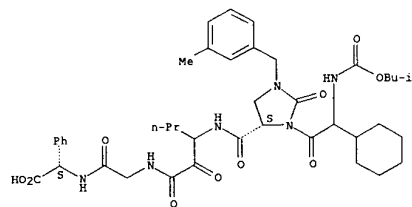
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-84-7 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(3-methylphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

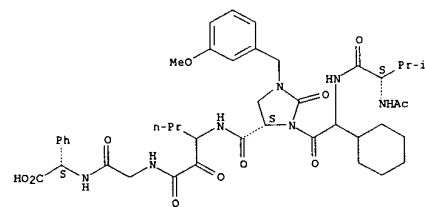
Absolute stereochemistry.



RN 393547-87-0 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(3-methoxyphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

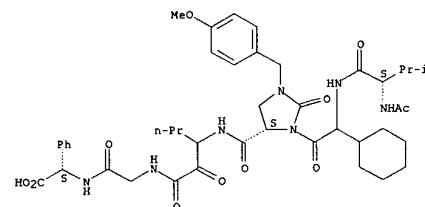
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-93-8 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(4-methoxyphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

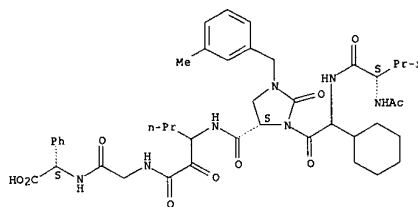
Absolute stereochemistry.



RN 393547-95-0 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(1,1-dimethylethyl)phenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

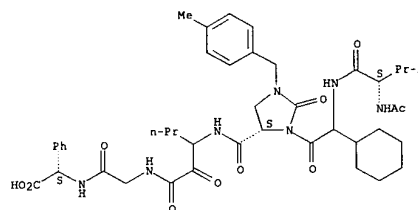
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393547-89-2 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(4-methylphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

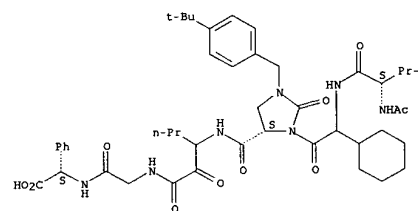
Absolute stereochemistry.



RN 393547-91-6 CAPLUS
 CN Glycine, N-acetyl-L-valyl-2-cyclohexylglycyl-(4S)-1-[(3-methoxyphenyl)methyl]-2-oxo-4-imidazolidinonecarboxyl-3-amino-2-oxohexanoylglycyl-2-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

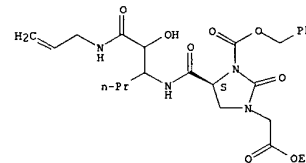
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



IT 393548-27-1P 393548-33-9P 393548-42-0P
 393548-44-2P 393548-47-5P 393548-68-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of novel imidazolidinones as NS3-serine protease inhibitors of hepatitis C virus)

RN 393548-27-1 CAPLUS
 CN 1-imidazolidineacetic acid, 4-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

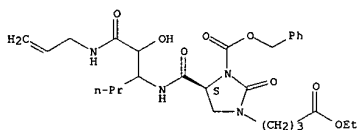
Absolute stereochemistry.



RN 393548-33-9 CAPLUS
 CN 1-imidazolidinebutanoic acid, 4-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

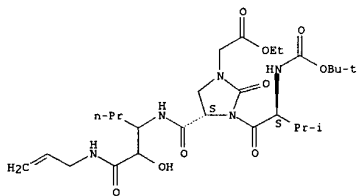
Absolute stereochemistry.

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 393548-42-0 CAPLUS
 CN 1-Imidazolidineacetic acid, 3-[(2S)-2-[[[1,1-dimethylethoxy]carbonyl]amino]-3-methyl-1-oxobutyl]-4-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-, ethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 393548-44-2 CAPLUS
 CN 1-Imidazolidineacetic acid, 3-[(2S)-2-amino-3-methyl-1-oxobutyl]-4-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-, ethyl ester, monohydrochloride, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

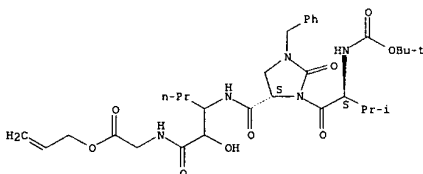
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)

PAGE 1-B

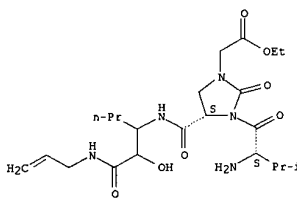
OBU-t

RN 393548-68-0 CAPLUS
 CN Glycine, N-[[[1,1-dimethylethoxy]carbonyl]-L-valyl- (4S)-2-oxo-1-(phenylmethyl)-4-imidazolidinecarbonyl]-3-amino-2-hydroxyhexanoyl-, 2-propenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



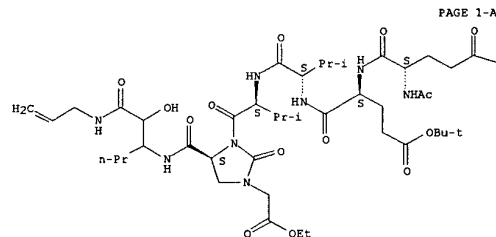
L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS (Continued)



● HCl

RN 393548-47-5 CAPLUS
 CN L-Valinamide, N-acetyl-L-.alpha.-glutamyl-L-.alpha.-glutamyl-N-[(1S)-1-[[[(5S)-3-(2-ethoxy-2-oxoethyl)-5-[[[1-[1-hydroxy-2-oxo-2-(2-propenylamino)ethyl]butyl]amino]carbonyl]-2-oxo-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, bis(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



PAGE 1-A

=> d his

(FILE 'HOME' ENTERED AT 10:49:44 ON 30 APR 2003)

FILE 'REGISTRY' ENTERED AT 10:49:51 ON 30 APR 2003

L1 STRUCTURE UPLOADED

L2 22 S L1

L3 402 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:50:13 ON 30 APR 2003

L4 98 S L3

FILE 'REGISTRY' ENTERED AT 10:50:43 ON 30 APR 2003

L5 STRUCTURE UPLOADED

L6 340 S L5 FULL SUB=L3

FILE 'CAPLUS' ENTERED AT 10:51:05 ON 30 APR 2003

L7 78 S L6

L8 3 S L7 AND HEPATITIS

=> s 17 and boronic ester

3698 BORONIC

509226 ESTER

381868 ESTERS

715323 ESTER

(ESTER OR ESTERS)

338 BORONIC ESTER

(BORONIC(W)ESTER)

L9 0 L7 AND BORONIC ESTER

=> s 17 and boronic

3698 BORONIC

L10 2 L7 AND BORONIC

=> s 110 not 18

L11 2 L10 NOT L8

=> d ibib abs hitstr 1-2

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:965134 CAPLUS

DOCUMENT NUMBER: 138:39281

TITLE: Preparation of 4-pyrazolylpiperidines and other heterocycles as modulators of CCR5 chemokine receptor activity useful against AIDS

INVENTOR(S): Kim, Ronald M.; Chang, Jlang; Chapman, Kevin T.; Mills, Sander G.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 70 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002193407	A1	20021219	US 2001-973920	20011010
US 6511994	B2	20030128		
WO 2003030898	A1	20030417	WO 2002-US12008	20020417

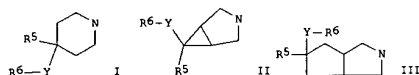
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OH, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-239285P P 20001011
US 2001-973920 A1 20011010

OTHER SOURCE(S): MARPAT 138:39281

GI



AB 4-Pyrazolylpiperidines and other heterocycles (QCH2CH2CR3R4NR2XR1; Q shown as I-III with connection by N; variables described below; e.g. N-[(1S)-1-phenyl-3-[4-(3-benzyl-1-ethyl-1H-pyrazol-5-yl)]piperidin-1-yl]propylcyclobutanecarboxamide bis(trifluoroacetate)) are claimed. The compds. are modulators of CCR5 chemokine receptor activity (no data). The compds. are useful, for example, in the prevention or treatment of infection by HIV (no data) and the treatment of AIDS (no data), as compds. or pharmaceutically acceptable salts, or as ingredients in pharmaceutical compns., optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines. Methods of treating AIDS and methods of preventing or treating infection by HIV are also described. For the claimed compds.: R1 is Cl-alkyl, C2-alkenyl, C2-alkynyl,

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

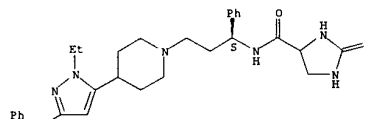
C3-8cycloalkyl, C5-8cycloalkenyl, -O-C3-8cycloalkyl, -NRaRb, Ph, naphthyl, or heterocycle; X is a direct single bond, -C(O)-, -C(O)O-, -C(O)N(Rc)-, -SO2-, or -C(O)N(Rc)SO2-; R2 is H or Cl-alkyl; or alternatively R1 and R2 together with the N to which R2 is attached and the X, as defined above, to which R1 is attached, form a 4- to 8-membered monocyclic ring contg. 1-3 N atoms, 0-2 O atoms, and 0-2 S atoms. R3 is H, -CO-NRcRd, or Cl-4alkyl; R4 is Ph, naphthyl, or heterocycle; R5 is: H, Cl-6alkyl, cyano, -OH, or halo; Y is: a direct single bond, -Cl-10alkyl or -C(O-6alkyl)C3-6cycloalkyl(CO-6alkyl)-, -C(O-6alkyl)-Z1-(CO-6alkyl)- (Z1 = -SO2-, -N(Rf)-, -N(Rf)C(CH2Rg)N(Rf)-, -N(Rf)C(CH2Rg)N(Rf)-, -S-, -O-, -SO-, -SO2N(Rf)-, -N(Rf)SO2-, and -PO2-); -C(O-6alkyl)-Z2-(CO-6alkyl)- (Z2 = -C(O)-, -C(O)O-, -C(O)O-, -C(O)NRg-, -NRgC(O)-, -OC(O)NRg-, -NRgC(O)O-, and -NRhC(O)NRg-). R6 is Ph, naphthyl, indanyl, tetrahydronaphthyl, biphenyl, or heterocycle; each R7 = halo, cyano, -OH, -O-C1-6alkyl, -C3-6 cycloalkyl, -CO2H, -CO2-(Cl-6alkyl), -CF3, -SO2R8, -NRaRb, Ph, naphthyl, biphenyl, or heterocycle; each R8 = halo, cyano, -OH, Cl-6alkyl, Cl-6 haloalkyl, -O-C1-6alkyl, -O-C1-6haloalkyl, -CO2H, -CO2-(Cl-6alkyl), -NRaRb, -C1-6alkyl, -NRaRb, -SO2R8-N(Ra)SO2R8, -N(Ra)CORT, -C1-6alkyl, -OH, -O-C3-6 cycloalkyl, benzyloxy, phenoxy, or -NO2. Each of Ra and Rb = Cl-6alkyl; each Rc = H or Cl-4alkyl; each Rd = H or Cl-4alkyl; Re is H or Cl-4alkyl; Rf is H, Cl-6alkyl, C2-6alkenyl, benzyl, Ph, (CO)C1-6alkyl, -SO2-C1-6alkyl, -SO2-Ph, -SO2-heterocyclyl, or Cl-6 alkyl-C3-6cycloalkyl; Rg is H, Cl-6alkyl, C2-6 alkenyl, C2-6alkynyl, benzyl, Ph, or Cl-6 alkyl-C3-6cycloalkyl; Rh is H or Cl-6alkyl; each R8 = H, Cl-6alkyl, C5-6 cycloalkyl, benzyl or phenyl; each Rt = H, Cl-6 alkyl, C5-6cycloalkyl, benzyl or phenyl; Ru is H, Cl-4alkyl, -NO2 or -CN. Each p = 0-2; and with the proviso that when Q is I and Y is a direct single bond, then R6 is Ph, naphthyl, indanyl, tetrahydronaphthyl, biphenyl, or a heterocycle = pyrazolyl and tetrahydropyridopyrazolyl. Admin. details are given in the claims. Although the methods of prepn. are not claimed, 78 example prepn. are included.

IT 478409-12-OP
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(drug candidate; prepn. of 4-pyrazolylpiperidines and other heterocycles as modulators of CCR5 chemokine receptor activity useful against AIDS)

RN 478409-12-0 CAPLUS

CN 4-Imidazolidinecarboxamide, N-[(1S)-3-[4-(1-ethyl-3-(phenylmethyl)-1H-pyrazol-5-yl)-1-piperidinyl]-1-phenylpropyl]-2-oxo- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:594840 CAPLUS

DOCUMENT NUMBER: 137:154858

TITLE: Preparation of arylsulfonamidopiperidones as inhibitors of Factor Xa.

INVENTOR(S): Stein, Philip P.; O'Connor, Stephen P.; Lawrence, R. Michael; Shi, Yan

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 246 pp.

CODEN: F1XXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002060894	A2	20020808	WO 2002-US2542	20020128
WO 2002060894	A3	20021219		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

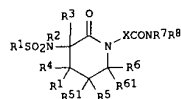
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 6555542 B1 20030429 US 2002-59621 20020129

PRIORITY APPLN. INFO.: US 2001-264964P P 20010130

OTHER SOURCE(S): MARPAT 137:154858

GI



AB Title compds. [I; X = (substituted) (CH2)m; m = 1-3; R1 = (substituted) alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R2, R3 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, etc.; R4, R5, R6, R7, R8 = H, OH, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, alkoxy, etc.; R6, R61 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl, etc.; R7, R8 = (substituted) (CH2)nH; n = 1-4; R7R8N = (substituted) cycloheteroalkyl], were prepd. as cardiovascular agents (no data). 974 I, including (II), were prepd.

IT 445278-84-2P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of arylsulfonamidopiperidones as inhibitors of Factor Xa)

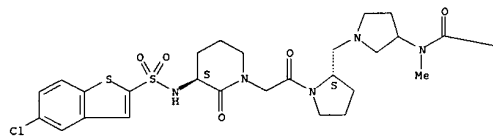
RN 445278-84-2 CAPLUS

CN 4-Imidazolidinecarboxamide, N-[1-[[[(2S)-1-[[[(3S)-3-[[[(5S)-chlorobenzo[b]thien-2-yl]sulfonyl]amino]-2-oxo-1-piperidinyl]acetyl]-2-

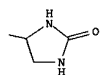
L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS (Continued)
pyrrolidinyl)methyl]-3-pyrrolidinyl]-N-methyl-2-oxo- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



=> log y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY
32.07

TOTAL
SESSION
216.15

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
-3.26

TOTAL
SESSION
-3.26

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 10:54:53 ON 30 APR 2003

Welcome to STN International! Enter x:x

LOGINID:sssptal600rxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Jun 03	New e-mail delivery for search results now available
NEWS 4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 7	Sep 03	JAPIO has been reloaded and enhanced
NEWS 8	Sep 16	Experimental properties added to the REGISTRY file
NEWS 9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11	Oct 24	BEILSTEIN adds new search fields
NEWS 12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13	Nov 18	DKILIT has been renamed APOLLIT
NEWS 14	Nov 25	More calculated properties added to REGISTRY
NEWS 15	Dec 04	CSA files on STN
NEWS 16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17	Dec 17	TOXCENTER enhanced with additional content
NEWS 18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 20	Feb 13	CANCERLIT is no longer being updated
NEWS 21	Feb 24	METADEX enhancements
NEWS 22	Feb 24	PCTGEN now available on STN
NEWS 23	Feb 24	TEMA now available on STN
NEWS 24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 25	Feb 26	PCTFULL now contains images
NEWS 26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS 28	Mar 20	EVENTLINE will be removed from STN
NEWS 29	Mar 24	PATDPAFULL now available on STN
NEWS 30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 31	Apr 11	Display formats in DGENE enhanced
NEWS 32	Apr 14	MEDLINE Reload
NEWS 33	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 34	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS 35	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 36	Apr 28	RDISCLOSURE now available on STN
NEWS EXPRESS		April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:04:30 ON 30 APR 2003

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.67	5.67

FILE 'REGISTRY' ENTERED AT 10:20:21 ON 30 APR 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1
 DICTIONARY FILE UPDATES: 29 APR 2003 HIGHEST RN 507441-92-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

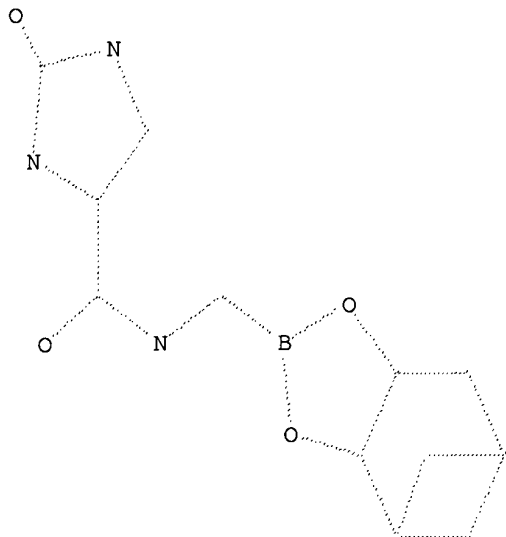
=>

Uploading 10015328.str

L1 STRUCTURE UPLOADED

=> display
 ENTER (L1), L# OR ?:11
 L1 HAS NO ANSWERS
 DISPLAY QUERY? (Y)/N:n

=> d
 L1 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
 SAMPLE SEARCH INITIATED 10:21:05 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 15 TO ITERATE

100.0% PROCESSED 15 ITERATIONS 1 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 68 TO 532
 PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1

=> s l1 full
 FULL SEARCH INITIATED 10:21:08 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 337 TO ITERATE

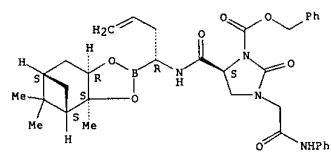
100.0% PROCESSED 337 ITERATIONS 22 ANSWERS
 SEARCH TIME: 00.00.01

L3 22 SEA SSS FUL L1

=> d scan

L3 22 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN 1-imidazolidinecarboxylic acid, 5-[[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-
 3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-
 butenyl]amino]carbonyl]-2-oxo-3-[2-oxo-2-(phenylamino)ethyl]-,
 phenylmethyl ester, (5S)- (9CI)
 MF C34 H41 B N4 O7

Absolute stereochemistry.



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> fil caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
148.55	154.22

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:21:31 ON 30 APR 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 30 Apr 2003 VOL 138 ISS 18
FILE LAST UPDATED: 29 Apr 2003 (20030429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3
L4 1 L3

=> d ibib abs hitstr

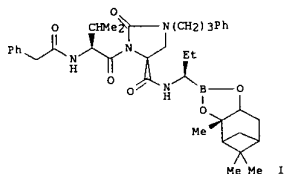
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 2002:466017 CAPLUS
 DOCUMENT NUMBER: 137:47198
 TITLE: Imidazolidinones and their related derivatives as
 Hepatitis C virus NS3 protease inhibitors
 INVENTOR(S): Han, Qi
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Pharma Company, USA
 SOURCE: PCT Int. Appl., 173 pp.
 COHEN: PIXX02
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002048157	A2	20020620	WO 2001-US47916	20011212
WO 2002048157	A3	20030327		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, CA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002030764 A5 20020624 AU 2002-30764 20011212
 PRIORITY APPLN. INFO.: US 2000-255168P P 20001213
 WO 2001-US47916 W 20011212

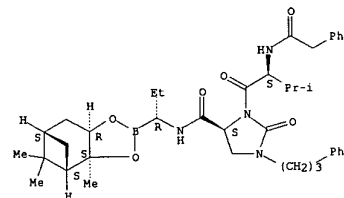
OTHER SOURCE(S): MARPAT 137:47198
 GI



AB Title compds. were prepd. for use as serine protease inhibitors, esp. Hepatitis C virus NS3 protease inhibitors (no data). Thus, the imidazolidinone I was obtained from (S)-(-)-N-benzoyloxycarbonyl-2-oxo-5-imidazolidinonecarboxylic acid and the dioxaborolane fragment in 8 steps.
 IT 437755-72-1P 437755-73-2P

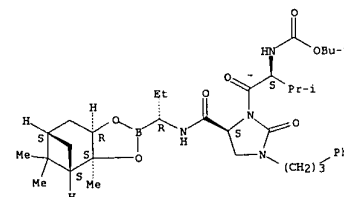
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)
 RN 437755-43-6 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylamino)carbonyl]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 437755-44-7 CAPLUS
 CN Carbamic acid, [(1S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

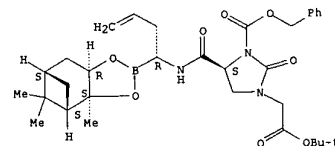


RN 437755-45-8 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(phenylamino)carbonyl]butyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

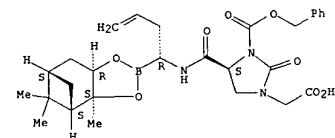
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of N-(benzodioxaborolylpropyl)imidazolidinecarboxamides as hepatitis C virus NS3 protease inhibitors)
 RN 437755-72-1 CAPLUS
 CN 1-Imidazolidineacetic acid, 4-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, 1,1-dimethylethyl ester, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



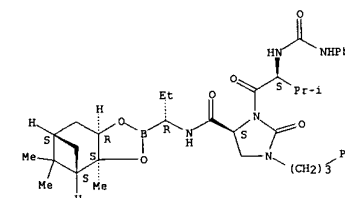
RN 437755-73-2 CAPLUS
 CN 1-Imidazolidineacetic acid, 4-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(phenylmethoxy)carbonyl]-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



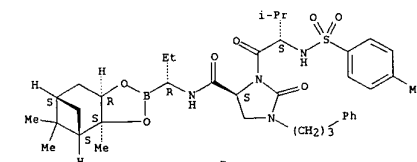
IT 437755-43-6P 437755-44-7P 437755-45-8P
 437755-46-9P 437755-47-0P 437755-48-1P
 437755-49-2P 437755-50-5P 437755-51-6P
 437755-52-7P 437755-53-8P 437755-54-9P
 437755-55-0P 437755-56-1P 437755-57-2P
 437755-58-3P 437755-59-4P 437755-60-7P
 437755-61-8P 437755-62-9P
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of N-(benzodioxaborolylpropyl)imidazolidinecarboxamides as hepatitis C virus NS3 protease inhibitors)

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-46-9 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(4-methylphenyl)sulfonyl]amino]-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

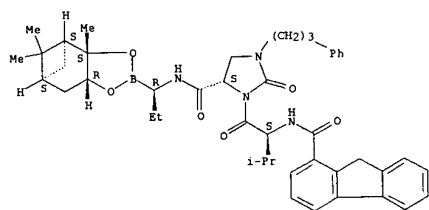
Absolute stereochemistry.



RN 437755-47-0 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[(4-methylphenyl)sulfonyl]amino]-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

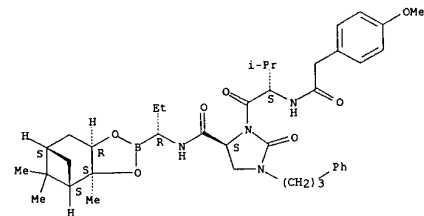
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-48-1 CAPLUS

CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-2-[[4-methoxyphenyl]acetyl]amino]-3-methyl-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-(4S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



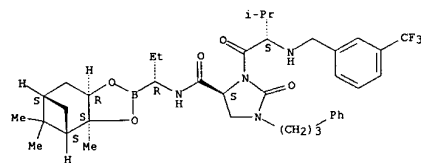
RN 437755-49-2 CAPLUS

CN Carbamic acid, [(1S)-1-[[[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-butenyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)
phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

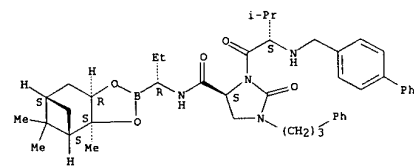
Absolute stereochemistry.



RN 437755-52-7 CAPLUS

CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[[[(1,1'-biphenyl)-4-ylmethyl]amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.

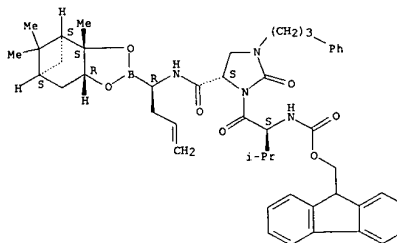


RN 437755-53-8 CAPLUS

CN Carbamic acid, [(1S)-1-[[[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(2-phenyl-4-quinolinyl)methyl]-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

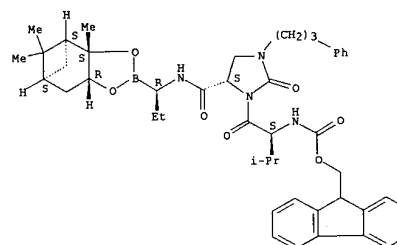
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-50-5 CAPLUS

CN Carbamic acid, [(1S)-1-[[[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)

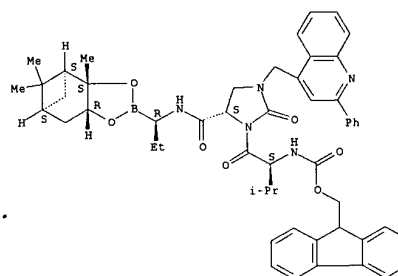
Absolute stereochemistry.



RN 437755-51-6 CAPLUS

CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-1-oxo-2-[[[3-(trifluoromethyl)phenyl]methyl]amino]butyl]-2-oxo-1-(3-

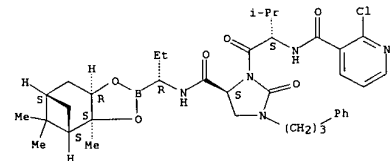
L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-54-9 CAPLUS

CN 3-Pyridinecarboxamide, 2-chloro-N-[(1S)-1-[[[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, (9CI) (CA INDEX NAME)

Absolute stereochemistry.

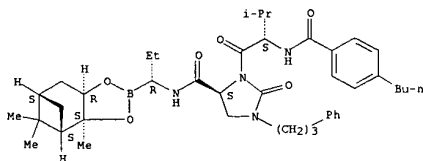


RN 437755-55-0 CAPLUS

CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(4-butylbenzoyl)amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)-(9CI) (CA INDEX NAME)

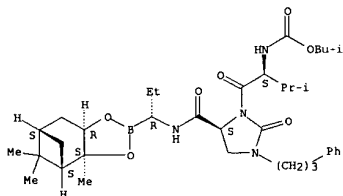
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-56-1 CAPLUS
 CN Carbamic acid, [(1S)-1-[[[(5S)-5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]amino]carbonyl]-2-oxo-3-(3-phenylpropyl)-1-imidazolidinyl]carbonyl]-2-methylpropyl]-, 2-methylpropyl ester (9CI) (CA INDEX NAME)

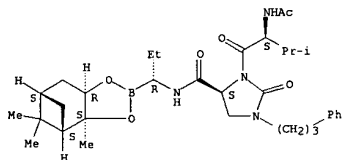
Absolute stereochemistry.



RN 437755-57-2 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-[(benzoylamino)carbonyl]amino]-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

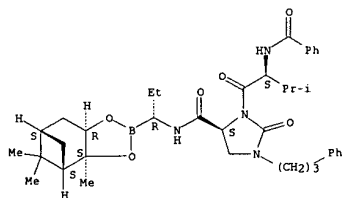
Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



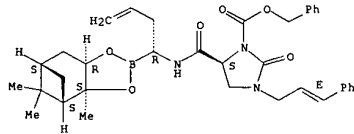
RN 437755-60-7 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-(benzoylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

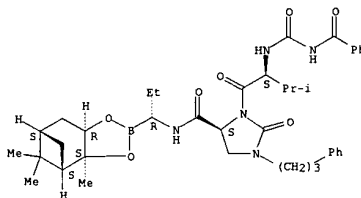


RN 437755-61-8 CAPLUS
 CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[(2E)-3-phenyl-2-propenyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry as shown.

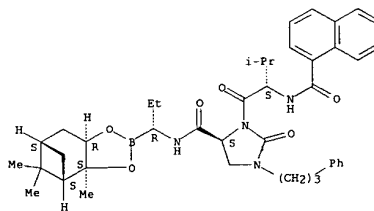


L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 437755-58-3 CAPLUS
 CN 4-Imidazolidinecarboxamide, N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-3-[(2S)-3-methyl-2-[(1-naphthalenylcarbonyl)amino]-1-oxobutyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



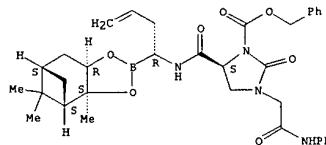
RN 437755-59-4 CAPLUS
 CN 4-Imidazolidinecarboxamide, 3-[(2S)-2-(acetylamino)-3-methyl-1-oxobutyl]-N-[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]propyl]-2-oxo-1-(3-phenylpropyl)-, (4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 437755-62-9 CAPLUS
 CN 1-Imidazolidinecarboxylic acid, 5-[[[(1R)-1-[(3aS,4S,6S,7aR)-hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-butenyl]amino]carbonyl]-2-oxo-3-[2-oxo-2-(phenylamino)ethyl]-, phenylmethyl ester, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.62

160.84

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-0.65

-0.65

STN INTERNATIONAL LOGOFF AT 10:24:24 ON 30 APR 2003

Day : Wednesday

Date: 4/30/2003

Time: 09:28:34

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = HAN

First Name = AMY

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>60324874</u>	Not Issued	020	09/26/2001	COMPOUNDS USEFUL FOR TREATING HEPATITIS C VIRUS	HAN, AMY QI
<u>60068139</u>	Not Issued	159	12/18/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60062978</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF CANDIDA ALBICANS GENOME,FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60062054</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60062053</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60062000</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCE OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60061999</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF NEISERRIA MENINGITIDIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60061998</u>	Not	159	10/17/1997	NUCLEOTIDE SEQUENCES OF	HANN , AMY L.

	Issued			STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	
<u>60061935</u>	Not Issued	159	10/17/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME FRAGMENTS THEREOF AND USES THEREOF	HANN , AMY L
<u>60057044</u>	Not Issued	159	08/15/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME ,FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60056336</u>	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60056329</u>	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60055731</u>	Not Issued	159	08/13/1997	NUCLEOTIDES SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60051752</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60050444</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS, THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60050443</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60050442</u>	Not Issued	159	06/20/1997	NUCLEOTIDE SEQUENCES OF CANDIDA ALBICANS GENOME, FRAGMENTS	HANN , AMY L.

				THEREOF, AND USES THEREOF	
<u>60049799</u>	Not Issued	159	06/16/1997	NUCELOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60047090</u>	Not Issued	159	05/19/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60045649</u>	Not Issued	159	04/18/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60044809</u>	Not Issued	159	04/25/1997	EXERCISE ARCADE	HANES , AMY
<u>29142733</u>	Not Issued	095	05/31/2001	SYNCHRONIZATION CRADLE FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29116923</u>	<u>D473237</u>	150	01/12/2000	SURFACE ORNAMENTATION FOR A HANDHELD COMPUTER OR A COMPUTER-GENERATED ICON FOR A HANDHELD COMUTER	HAN, AMY A.
<u>29116917</u>	<u>D466128</u>	150	01/12/2000	SURFACE ORNAMENTATION FOR A HANDHELD COMPUTER OR A COMPUTER-GENERATED ICON FOR A HANDHELD COMPUTER	HAN, AMY
<u>29116916</u>	Not Issued	161	01/12/2000	ICON FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29116904</u>	Not Issued	093	01/12/2000	SURFACE ORNAMENTATION FOR A HANDHELD COMPUTER OF A COMPUTER-GENERATED ICON FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>29095903</u>	<u>D416001</u>	150	10/30/1998	HANDHELD COMPUTER DEVICE	HAN , AMY AIMEI
<u>29095810</u>	<u>D412162</u>	150	10/30/1998	CRADLE FOR USE WITH A HANDHELD COMPUTER DEVICE	HAN , AMY AIMEI
<u>10287367</u>	Not Issued	041	11/04/2002	AMINO LACTAM SULFONAMIDES AS	HAN, AMY QI

				INHIBITORS OF A-BETA PROTEIN PRODUCTION	
<u>10116506</u>	Not Issued	030	04/04/2002	PROTECTION MECHANISMS FOR A PERSONAL DIGITAL ASSISTANT DISPLAY	HAN, AMY A.
<u>10114553</u>	Not Issued	030	04/02/2002	PERSONAL DIGITAL ASSISTANT	HAN, AMY A.
<u>10114548</u>	Not Issued	030	04/02/2002	POWER MANAGEMENT AND DEVICE ILLUMINATION MECHANISMS FOR A PERSONAL DIGITAL ASSISTANT	HAN, AMY A.
<u>10114365</u>	Not Issued	030	04/02/2002	INTEGRATED SHIELD AND SHOCK ABSORPTION IN A PERSONAL DIGITAL ASSISTANT	HAN, AMY A.
<u>10098994</u>	Not Issued	030	03/13/2002	NOVEL GUANIDINE MIMICS FACTOR XA INHIBITORS	HAN, AMY QI
<u>10080437</u>	Not Issued	020	02/21/2002	HANDHELD COMPUTER WITH OPEN ACCESSORY SLOT	HAN, AMY AIMEI
<u>10015328</u>	Not Issued	071	12/12/2001	IMIDAZOLIDINONES AND THEIR RELATED DERIVATIVES AS HEPATITIS C VIRUS NS3 PROTEASE INHIBITORS	HAN, AMY QI
<u>09898273</u>	Not Issued	161	07/02/2001	ENCASEMENT FOR A HANDHELD COMPUTER	HAN, AMY A.
<u>09745325</u>	<u>6490155</u>	150	12/20/2000	DETACHABLE COUPLING FOR HANDHELD COMPUTER AND PERIPHERAL ATTACHMENT SCHEME	HAN, AMY
<u>09684718</u>	<u>6503901</u>	150	10/07/2000	AMINO LACTAM SULFONAMIDES AS INHIBITORS OF A-BETA PROTEIN PRODUCTION	HAN, AMY QI
<u>09662375</u>	Not Issued	161	09/13/2000	BUTTON PIVOT BAR	HAN, AMY
<u>09613028</u>	Not Issued	041	07/10/2000	VARIABLE TEMPLATE INPUT AREA FOR A DATA INPUT DEVICE OF A HANDHELD ELECTRONIC SYSTEM	HAN, AMY
<u>09578529</u>	Not Issued	041	05/24/2000	PORTABLE COMPUTER SYSTEM HAVING MODULES COUPLED WITH A HINGE	HAN, AMY
<u>09502169</u>	<u>6266240</u>	150	02/11/2000	ENCASEMENT FOR A	HAN, AMY A.

				HANDHELD COMPUTER	
<u>09451630</u>	Not Issued	161	11/30/1999	COVER FOR A HANDHELD COMPUTER	HAN, AMY
<u>09318886</u>	<u>6283777</u>	150	05/26/1999	DUAL STYLE CONNECTOR FOR HANDHELD COMPUTER	HAN , AMY A.
<u>09283668</u>	<u>6246577</u>	150	04/01/1999	CRADLE WITH COMBINED STATUS INDICATOR LIGHT AND STYLUS HOLDER	HAN , AMY A.
<u>09246781</u>	Not Issued	161	02/04/1999	HANDHELD COMPUTER	HAN , AMY AIMEI
<u>09244613</u>	<u>6388870</u>	150	02/04/1999	HOUSING FOR A HANDHELD COMPUTER	HAN , AMY AIMEI
<u>09244440</u>	<u>6388877</u>	150	02/04/1999	HANDHELD COMPUTER WITH OPEN ACCESSORY SLOT	HAN , AMY AIMEI
<u>09201650</u>	<u>6147314</u>	150	11/30/1998	BUTTON PIVOT BAR	HAN , AMY
<u>09201443</u>	Not Issued	061	11/30/1998	METHOD OF OPERATING STYLUS TAPPABLE PALM SIZED COMPUTER BUTTONS	HAN , AMY

[Search and Display More Records.](#)

	Last Name	First Name	
Search Another: Inventor	<input type="text" value="HAN"/>	<input type="text" value="AMY"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

PALM INTRANET

Date: 4/30/2003

Time: 09:31:21

Inventor Name Search Result

Your Search was:

Last Name = HAN

First Name = AMY

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60344328	Not Issued	020	01/03/2002	UNIFORM BAR/CAKE CUTTER	HANSON, AMY ELAINE
60172253	Not Issued	019	10/29/1998	OXADIAZOLE, THIADIAZOLE AND TRIAZOLE DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF	HANNAH , AMY L.
60082302	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF PSEUDOMONAS AERUGINOSA GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082301	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF ASPERGILLUS FUMIGATUS GENOME FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082269	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF ASPERGILLUS FUMIGATUS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082268	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF ASPERGILLUS FUMIGATUS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60082116	Not Issued	159	04/17/1998	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60075465	Not Issued	159	02/02/1998	NUCLEOTIDE SEQUENCES OF KLEBSIELLA PNEUMONIAE GENOME, FRAGMENTS	HANN , AMY L.

				THEREOF, AND USES THEREOF	
<u>60075447</u>	Not Issued	159	02/20/1998	NUCLEOTIDE SEQUENCES OF STAPHYLOCOCCUS HAEMOLYTICUS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60071793</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60069999</u>	Not Issued	159	12/17/1997	NUCLEOTIDE SEQUENCES OF PSEUDOMONAS AERUGINOSA GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068217</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068186</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOM, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068175</u>	Not Issued	159	12/19/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068139</u>	Not Issued	159	12/18/1997	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60068138</u>	Not Issued	159	12/18/1997	NUCLEOTIDE SEQUENCES OF NEISSERIA MENINGITIDIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
<u>60061986</u>	Not Issued	159	10/16/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECIUM GENOME FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.

60056330	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PYOGENES GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60055730	Not Issued	159	08/13/1997	NUCLEOTIDE SEQUENCES OF STREPTOCOCCUS PNEUMONIAE GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
60046653	Not Issued	159	05/16/1997	NUCLEOTIDE SEQUENCES OF ENTEROCOCCUS FAECALIS GENOME, FRAGMENTS THEREOF, AND USES THEREOF	HANN , AMY L.
10304838	Not Issued	020	11/25/2002	DETERMINING A FINAL EXPOSURE SETTING AUTOMATICALLY FOR A SOLID STATE CAMERA WITHOUT A SEPARATE LIGHT METERING CIRCUIT	HANSEN, AMY E.
09819935	Not Issued	094	03/28/2001	2-AMINO BENZOXAZOLE DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF	HANNAH, AMY L.
09429242	Not Issued	071	10/28/1999	OXADIAZOLE THIADIAZOLE AND TRIAZOLE DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF	HANNAH, AMY L.
09294851	6486915	150	04/20/1999	DETERMINING A FINAL EXPOSURE SETTING AUTOMATICALLY FOR A SOLID STATE CAMERA WITHOUT A SEPARATE LIGHT METERING CIRCUIT	HANSEN , AMY E.
09292573	6079586	150	04/15/1999	COMBINATION CUP AND FOOD CONTAINER	HANNEMAN , AMY L.

Inventor Search Completed: No Records to Display.

Search Another: Inventor	Last Name	First Name	
	<input type="text" value="HAN"/>	<input type="text" value="AMY"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Wednesday

Date: 4/30/2003

Time: 09:32:32

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = GLUNZ

First Name = PETER

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60391784	Not Issued	020	06/26/2002	BICYCLIC PYRIMIDINONES AS COAGULATION CASCADE INHIBITORS	GLUNZ, PETER W.
60324874	Not Issued	020	09/26/2001	COMPOUNDS USEFUL FOR TREATING HEPATITIS C VIRUS	GLUNZ, PETER
60255290	Not Issued	020	12/13/2000	INHIBITORS OF HEPATITIS C VIRUS NS3 PROTEASE	GLUNZ, PETER
60079312	Not Issued	159	03/25/1998	TRIMERIC ANTIGENIC O-LINKED GLYCOPEPTIDE CONJUGATES, METHODS OF PREPARATION AND USES THEREOF	GLUNZ , PETER
10205021	Not Issued	030	07/25/2002	ALPHA-O-LINKED GLYCOCONJUGATES, METHODS OF PREPARATION AND USES THEREOF	GLUNZ, PETER
10015328	Not Issued	071	12/12/2001	IMIDAZOLIDINONES AND THEIR RELATED DERIVATIVES AS HEPATITIS C VIRUS NS3 PROTEASE INHIBITORS	GLUNZ, PETER W.
10015304	Not Issued	071	12/12/2001	INHIBITORS OF HEPATITIS C VIRUS NS3 PROTEASE	GLUNZ, PETER WILLIAM
09276595	Not Issued	041	03/25/1999	TRIMERIC ANTIGENIC O-LINKED GLYCOPEPTIDE CONJUGATES, METHODS OF PREPARATION AND USES THEREOF	GLUNZ , PETER

Patel
1624
20030064
962

Inventor Search Completed: No Records to Display.

Search Another: Inventor

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page